



FREQUENTLY ASKED QUESTIONS

Mathematics Curriculum and Instruction

When will *Indiana's Academic Standards for Mathematics* be revised?

They are currently under review, with a draft expected to be available for public review August 2008. This draft will be revised based on the feedback and the revised version will be presented to the Education Roundtable and State Board of Education in early 2009. The revised standards will take effect fall 2010.

Are there state requirements for granting Algebra I credit in middle school?

Algebra I, like any high school course, can be offered in middle school for high school credit as long as the course description and standards (if applicable) are met, the course is equivalent to the high school version, and grades are included on the transcript and in the GPA. Additional information is available at

<http://www.doe.state.in.us/core40/pdf/faq.pdf> on p. 4.

Are schools required to give credit for Algebra I taken in middle school?

No, there is no requirement that local districts give credit for high school courses, including Algebra I, taken in middle school.

Do students need to get a C or better to get credit for Algebra I taken in middle school?

The state does not require a particular grade to get high school credit for high school courses, including Algebra I, taken in middle school, though individual school districts can have such a policy. Students do need to get a C or better for a course to count for Academic Honors however.

Does a teacher need to be licensed to teach high school mathematics to teach Algebra I in middle school?

When Algebra I is taught in middle school, the teacher's license must list Mathematics in the "junior high/middle school" setting under Rules 2002. See the Middle School / Junior High School Assignment Code at

<http://www.doe.in.gov/dps/licensing/assignmentcode> for more information.

Can schools offer a calculus course that is not an AP course?

Calculus courses must be AP or dual credit.



Who can help with questions about the ISTEP+ and Core 40 ECA mathematics tests?

Charity Flores (cflores@doe.in.gov) is the mathematics assessment specialist for elementary mathematics and Jim Mirabelli (jmirabel@doe.in.gov) is the mathematics assessment specialist for secondary mathematics. There is also additional information for ISTEP+ at <http://www.doe.state.in.us/istep/welcome.html> and for Core 40 ECAs at <http://doe.state.in.us/core40eca>.

Can students receive credit for both Algebra I and Integrated Mathematics I?

No, the topics (in large part) in Integrated Math encompass the same topics as Algebra I.

Can schools give credit for Pre-Algebra?

Pre-Algebra is an approved course. Credits in Pre-Algebra can be used to meet the mathematics requirement for the General Diploma, but can count only as an elective for the Core 40 Diplomas. There are currently no plans to eliminate Pre-Algebra. The list of approved courses in a content area is typically reviewed on the textbook adoption cycle, so the State Board might possibly consider a change in Pre-Algebra's status for fall 2010. Math Lab has the same status.

Which schools use a particular textbook?

Information on the textbooks adopted by districts is available at <http://www.doe.state.in.us/olr/textbook>.

Does IDOE have curriculum and instruction resources?

Curriculum and instruction resources are available at <http://www.indianastandardsresources.org/>.

Can schools offer a course a course on Mathematical Problem Solving or a General Math course for high school credit?

No, these courses were eliminated in 2004.

Are there state mathematics competitions?

The Indiana Council of the Teachers of Mathematics sponsors a mathematics competition and has links to other math contests on their website.

<http://www.indianamath.org/>

Governor Daniels inaugurated the annual Hoosier High School Math Award in 2008.

Learn more about mathematics curriculum and instruction at

www.doe.state.in.us/opd/math.

